IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ROGER L. SCHULTZ

Group Art Unit:

3753

Serial No.: 10/808,986

Filed:

March 25, 2004

Examiner:

SCHNEIDER, CRAIG M.

Title: "APPARATUS AND METHOD FOR

CREATING PULSATING FLUID FLOW, AND METHOD OF MANUFACTURE FOR

THE APPARATUS"

Atty. Docket No.: HES 2003-IP-012204U1

MAIL STOP AMENDMENT **Honorable Commissioner of Patents** P. O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF FILING ELECTRONICALLY VIA EFS **MPEP 503**

I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:

> HONORABLE COMMISSIONER FOR PATENTS P.O. Box 1450 ALEXANDRIA, VA 22313-1450

DEBBIE ALLEN

DECEMBER 12, 2007

DATE OF SUBMISSION: 12-12-01 **ELECTRONIC FILING (EFS)**

RESPONSE UNDER 37 C.F.R. § 1.111 TO **NON-FINAL OFFICE ACTION, MAILED OCTOBER 2, 2007**

Dear Honorable Commissioner:

In response to the Office Action mailed on October 2, 2007 (the "Office Action"),

Applicants submit this Response.

- Amendments to the Claims begin on page 3 of this paper; and
- Remarks / Arguments begin on page 20 of this paper.